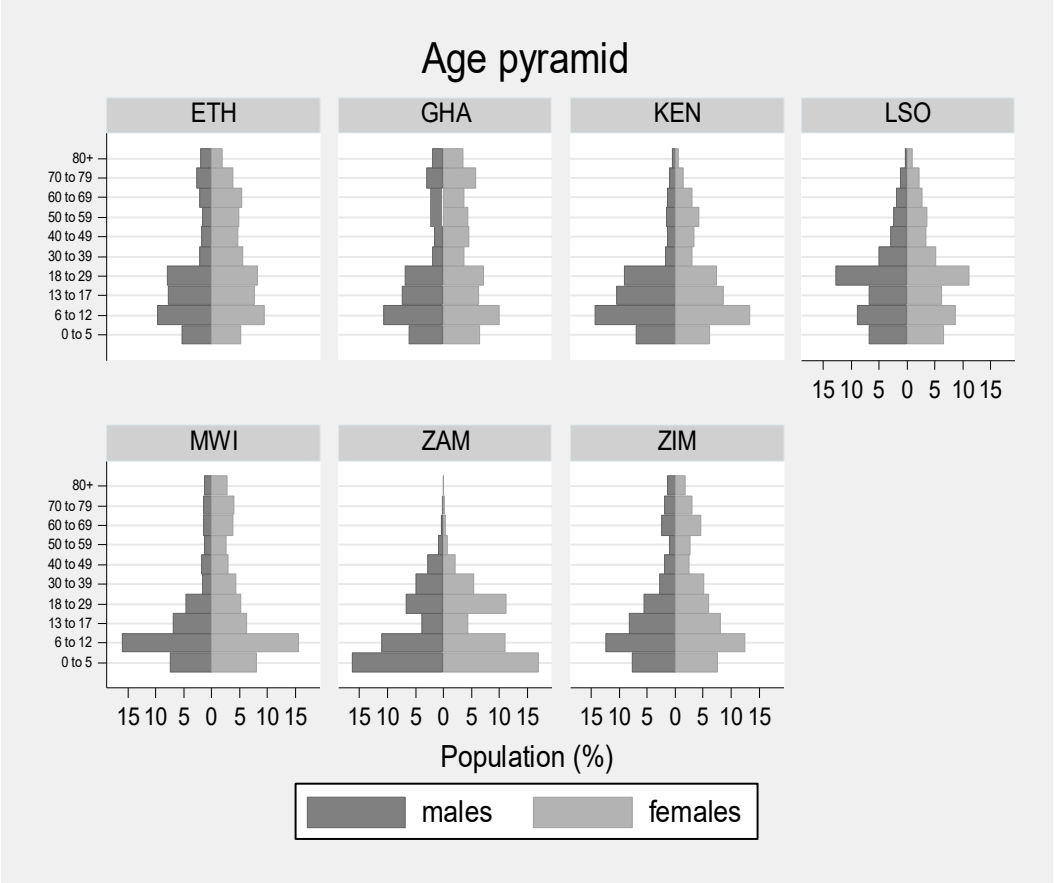
Appendix A

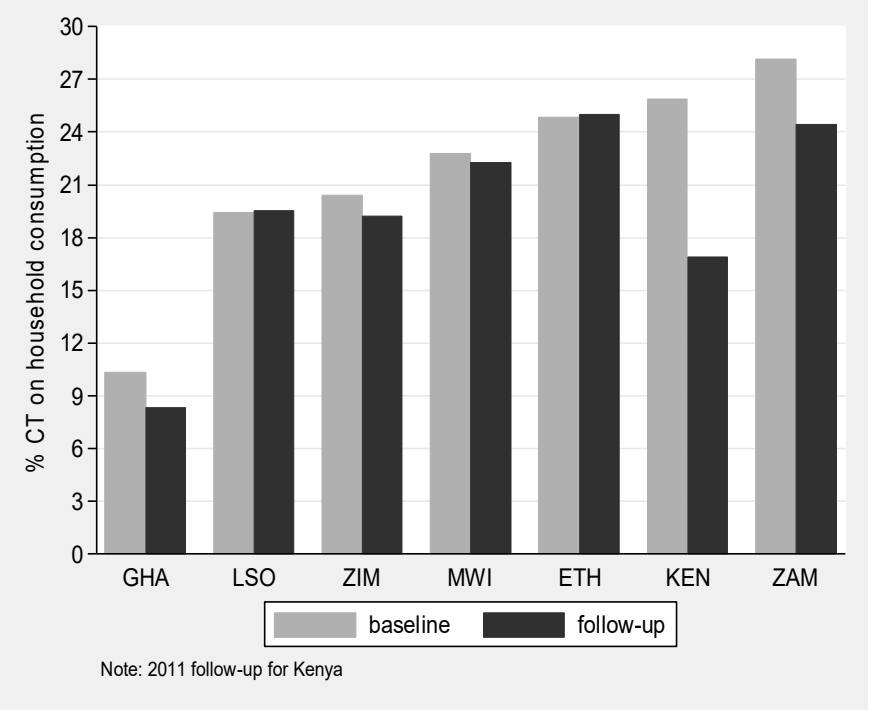
In this appendix we provide a graphical representation of few descriptive characteristics of the evaluation samples and of the programs considered in the study. The importance of targeting is seen in Figure A1, where we observe the age pyramids of the baseline samples used for the evaluation of the seven programs. In Figure A2 we report instead the amount of the transfer relative to household income or expenditures, while in Figure A3 we show the frequency of the transfers in Ghana and Lesotho, where we had access to administrative data on payments. While in Ghana data were aggregated at district level, in Lesotho data were provided at household level and thus we were able to construct the exact amounts delivered to each household included in the evaluation sample. In the remaining five countries administrative data were not available.

Figure A1: Age pyramid at baseline, by country



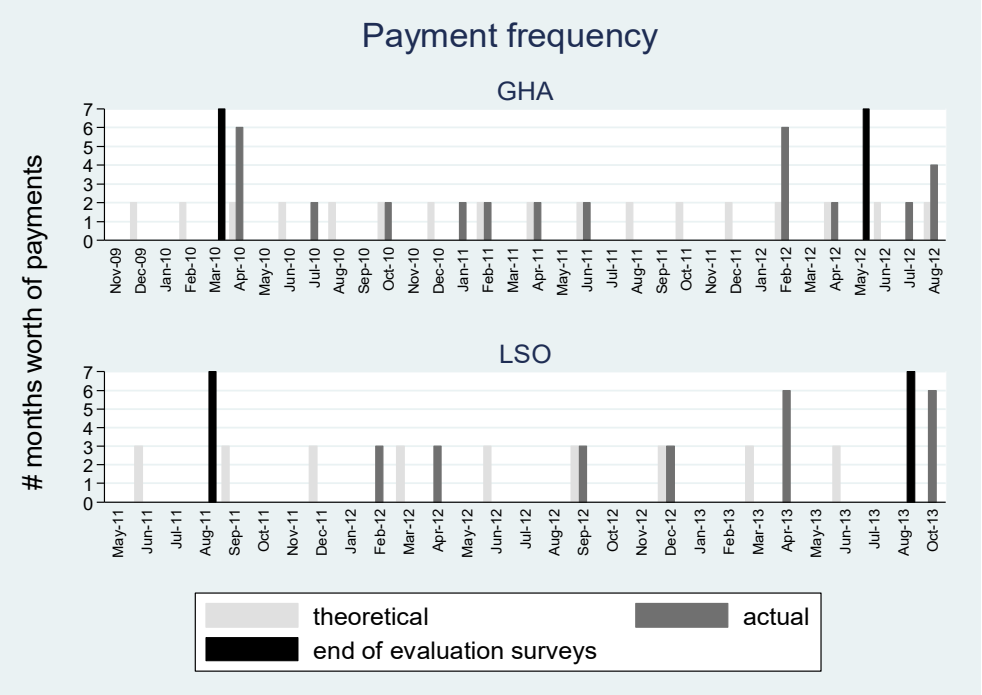
Note: our elaboration from evaluation data

Figure A2: Cash Transfers as share of household consumption, by country



Note: our elaboration from evaluation data

Figure A3: Cash Transfers frequency in Ghana and Lesotho



Note: our elaboration from national administrative data

Appendix B

Table B1: Baseline income sources

	Ethiopia				Ghana				Kenya				Lesotho			
	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias
self employment - agriculture	70.841	66.594	4.250 **	9.207	59.943	66.222	-6.280	13.032	91.215	90.603	0.610	2.127	87.516	85.071	2.450	7.110
crop production	66.360	62.932	3.430	7.086	45.064	51.898	-6.830	13.697	78.915	80.829	-1.910	4.771	80.500	74.811	5.690	13.680
livestock	21.056	22.690	-1.630	3.833	40.773	48.840	-8.070	16.267	78.762	76.083	2.680	6.409	65.303	61.037	4.270	8.848
self employment - non agriculture	9.576	10.215	-0.640	2.159	29.041	31.195	-2.150	4.692	18.105	16.911	1.190	3.142	21.928	18.953	2.980	7.378
wage employment	10.252	11.075	-0.820	2.689	8.870	6.161	2.710	10.281	67.303	65.854	1.450	3.071	68.452	64.816	3.640	7.711
formal/permanent labor	0.000	0.000	0.000	.	0.000	0.000	0.000	.	3.820	2.327	1.490	8.655	7.600	7.402	0.200	0.750
temporary/casual labor	0.000	0.000	0.000	.	0.000	0.000	0.000	.	64.171	64.149	0.020	0.047	65.331	60.979	4.350	9.025
transfer	34.622	43.014	-8.390 **	17.192	52.933	51.040	1.890	3.786	29.106	30.130	-1.020	2.242	50.114	48.781	1.330	2.665
public transfer	18.171	27.105	-8.930 **	21.495	3.577	0.000	3.580 ***	27.217	1.451	0.000	1.450 ***	17.157	13.927	12.526	1.400	4.132
private transfer	19.521	21.249	-1.730	4.164	51.073	51.040	0.030	0.065	27.655	30.130	-2.480	5.460	40.802	39.598	1.200	2.454

	Malawi				Zambia				Zimbabwe			
	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias
self employment - agriculture	93.327	94.159	-0.830	3.435	84.127	84.909	-0.780	2.160	92.213	93.037	-0.820	3.151
crop production	92.615	93.238	-0.620	2.431	76.825	78.952	-2.130	5.123	88.073	87.331	0.740	2.259
livestock	28.991	27.251	1.740	3.872	48.571	47.101	1.470	2.943	73.780	78.723	-4.940 **	11.632
self employment - non agriculture	23.787	22.491	1.300	3.073	24.286	20.810	3.480	8.321	12.420	12.669	-0.250	0.752
wage employment	76.594	79.226	-2.630	6.346	37.619	37.331	0.290	0.594	47.462	48.743	-1.280	2.563
formal/permanent labor	6.827	8.430	-1.600	6.040	2.540	1.986	0.550	3.724	10.793	11.509	-0.720	2.272
temporary/casual labor	75.563	77.614	-2.050	4.844	35.238	35.425	-0.190	0.391	41.498	41.876	-0.380	0.766
transfer	90.475	93.683	-3.210	11.895	39.683	37.490	2.190	4.503	63.923	73.791	-9.870 ***	21.424
public transfer	69.026	70.600	-1.570	3.427	13.889	12.153	1.740	5.159	2.169	3.772	-1.600 *	9.451
private transfer	75.892	82.969	-7.080	17.571	31.349	28.912	2.440	5.312	63.529	73.017	-9.490 ***	20.487

Note: significance level: $^{***}<0.01$, $^{**}<0.05$, $^{*}<0.1$. Our elaboration from evaluation data.

Table B2: Baseline household characteristics

	Ethiopia				Ghana				Kenya				Lesotho			
	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias
Household size	2.607	2.614	-0.010	0.382	3.831	3.992	-0.160	6.054	5.636	5.290	0.350	13.070	5.777	5.352	0.420 **	18.384
# male	0.990	1.046	-0.060	4.827	1.688	1.721	-0.030	2.037	2.750	2.453	0.300 **	16.696	2.765	2.517	0.250 **	16.625
# female	1.579	1.532	0.050	4.765	2.143	2.240	-0.100	6.158	2.886	2.837	0.050	3.021	3.004	2.835	0.170 *	10.379
# hh members aged 0-5	0.192	0.187	0.000	1.085	0.441	0.451	-0.010	1.401	0.721	0.662	0.060	5.782	0.923	0.785	0.140 ***	15.083
# hh members aged 6-17	0.820	0.829	-0.010	0.847	1.316	1.354	-0.040	2.156	2.608	2.467	0.140	9.332	1.869	1.850	0.020	1.469
# hh members aged 18-59	0.858	0.883	-0.030	2.751	1.160	1.262	-0.100	7.665	1.761	1.551	0.210	14.184	2.563	2.310	0.250 **	17.538
# hh members aged 60+	0.700	0.679	0.020	3.447	0.914	0.925	-0.010	1.402	0.538	0.595	-0.060	9.011	0.422	0.407	0.010	2.534
% female headed	73.358	71.434	1.920	4.302	59.227	53.028	6.200	12.510	66.374	68.333	-1.960	4.176	46.274	49.292	-3.020	6.041
Age of head	60.508	60.256	0.250	1.322	61.119	61.643	-0.520	2.786	57.860	58.604	-0.740	5.055	51.286	50.871	0.420	2.677
% married head	21.486	21.280	0.210	0.502	35.479	45.675	-10.200 *	20.862	32.547	34.118	-1.570	3.331	47.355	42.267	5.090	10.237
head is widowed	40.700	40.417	0.280	0.576	38.627	29.281	9.350 **	19.819	63.774	60.457	3.320	6.836	43.077	46.970	-3.890	7.825
% hh with only elderly (>59) and childre	41.068	40.170	0.900	1.828	36.624	37.645	-1.020	2.112	20.251	25.637	-5.390	12.826	4.560	5.908	-1.350	6.053
% hh severely labor constrained	57.520	57.164	0.360	0.648	46.209	42.130	4.080	8.214	27.603	31.038	-3.440	7.546	8.962	13.282	-4.320 *	13.763
% hh moderately labor constrained	11.602	15.105	-3.500 **	10.330	22.747	15.681	7.070 **	17.996	28.437	26.114	2.320	5.216	21.462	18.804	2.660	6.627
% hh labor unconstrained	30.878	27.731	3.150	6.875	31.044	42.189	-11.140 *	23.274	43.959	42.848	1.110	2.241	69.576	67.914	1.660	3.584
% dependents	68.249	67.029	1.220	3.745	74.066	71.536	2.530	9.471	70.694	72.382	-1.690	8.204	55.916	56.996	-1.080	5.609
% hh with at least one child orphan	0.184	0.104	0.080	2.105	27.468	23.195	4.270	9.831	94.594	92.112	2.480	9.972	57.660	58.194	-0.530	1.081
# children orphan/abandoned	0.003	0.001	0.000	3.539	0.682	0.610	0.070	5.068	2.457	2.320	0.140	8.719	1.214	1.197	0.020	1.207
# years of education of head	1.012	1.051	-0.040	1.506	2.149	2.593	-0.440	11.380	2.883	2.595	0.290	8.263	4.188	4.154	0.030	1.122
highest # years of education in hh	4.103	4.227	-0.120	3.016	4.896	5.289	-0.390	9.269	7.254	7.425	-0.170	5.460	7.708	7.522	0.190	7.725
per capita consumption	1181.630	2395.195	-1213.560	8.574	45.216	48.793	-3.580	10.553	2049.385	1775.576	273.810	8.467	161.015	169.824	-8.810	7.609
per capita food consumption	1127.097	2341.696	-1214.600	8.581	30.133	33.444	-3.310	12.969	1218.009	980.081	237.930 *	16.093	104.525	114.804	-10.280	12.762

	Malawi				Zambia				Zimbabwe			
	treatment	control	diff	st.bias	treatment	control	diff	st.bias	treatment	control	diff	st.bias
Household size	4.464	4.514	-0.050	2.170	5.757	5.632	0.120	5.905	4.758	4.781	-0.020	0.872
# male	1.910	1.928	-0.020	1.191	2.674	2.682	-0.010	0.541	2.098	2.183	-0.080	5.150
# female	2.554	2.586	-0.030	2.136	3.083	2.950	0.130	9.608	2.659	2.599	0.060	3.562
# hh members aged 0-5	0.658	0.670	-0.010	1.330	1.883	1.917	-0.030	4.518	0.684	0.702	-0.020	1.992
# hh members aged 6-17	2.034	2.121	-0.090	5.596	1.777	1.696	0.080	5.315	2.087	2.018	0.070	3.989
# hh members aged 18-59	0.982	1.006	-0.020	2.397	2.021	1.949	0.070	8.853	1.130	1.134	0.000	0.379
# hh members aged 60+	0.790	0.717	0.070	10.950	0.077	0.070	0.010	2.412	0.857	0.926	-0.070	9.398
% female headed	82.805	84.200	-1.400	3.758	98.968	99.603	-0.630	7.537	70.330	64.990	5.340 ***	11.430
Age of head	59.133	56.960	2.170	10.955	30.074	29.644	0.430	4.489	57.060	58.747	-1.690	8.811
% married head	29.703	28.929	0.770	1.699	73.333	71.247	2.090	4.661	47.955	48.839	-0.880	1.770
head is widowed	44.585	42.016	2.570	5.184	6.508	6.354	0.150	0.626	38.196	38.878	-0.680	1.401
% hh with only elderly (>59) and childre	38.880	35.841	3.040	6.283	1.111	0.794	0.320	3.261	36.422	34.429	1.990	4.165
% hh severely labor constrained	49.129	46.204	2.930	5.858	3.492	3.733	-0.240	1.291	47.018	43.907	3.110	6.249
% hh moderately labor constrained	33.795	34.132	-0.340	0.710	30.079	31.612	-1.530	3.318	31.444	34.720	-3.280	6.963
% hh labor unconstrained	17.075	19.665	-2.590	6.688	66.429	64.654	1.770	3.732	21.538	21.373	0.160	0.400
% dependents	80.534	79.632	0.900	4.504	62.681	63.345	-0.660	4.798	80.219	80.213	0.010	0.030
% hh with at least one child orphan	56.546	52.045	4.500	9.042	13.889	14.218	-0.330	0.946	56.678	59.865	-3.190	6.463
# children orphan/abandoned	0.956	0.881	0.070	5.038	0.357	0.341	0.020	1.608	0.834	0.874	-0.040	2.781
# years of education of head	1.069	1.075	-0.010	0.272	4.295	3.781	0.510 *	15.498	3.126	3.478	-0.350 *	9.650
highest # years of education in hh	3.913	3.864	0.050	1.641	6.543	6.072	0.470 *	15.207	6.377	6.743	-0.370 *	10.109
per capita consumption	891.690	822.839	68.850	10.619	47.491	45.310	2.180	5.880	32.504	34.378	-1.870	6.881
per capita food consumption	722.965	662.662	60.300	10.845	30.795	29.269	1.530	5.736	20.734	21.441	-0.710	3.567

Note: significance level: ***<0.01, **<0.05, *<0.1. Our elaboration from evaluation data

Appendix C

In this appendix we report the control variables used in the difference-in-difference equations of each country case study. These variables were chosen to control for factors that might not be perfectly balanced across the treatment arms and/or are strong predictors of the outcome. These variables are very important in case of partially successful identification of a good counterfactual. Generally the list included demographic composition, head of the household characteristics, proxies for household wealth, such as quality of roof/wall/floor materials, and community characteristics. While household level measures came generally from the baseline data set only to prevent possible endogeneity issues, community level effects were included as either community fixed effects or as time-varying variables, such as retail prices of basic commodities, occurrence of shocks, services availability, which were all deemed to be exogenous. The full list of variables used in the DiD estimation for each country does not include Ethiopia, where a propensity score matching approach was used instead.

Ghana

Household socio-demographic characteristics

hh members aged 0-5, 6-12, 13-17, 18-64; # male hh members aged 65+, # female hh members aged 65+, whether hh include orphan, # orphans in the household

Head of the household characteristics

gender, age, marital status is widow, school attainment

Other household level indicators

% hh members cannot at all carry a heavy load, % hh members cannot at all bath him/herself, at least one hh member registered to the National Health Insurance scheme, index of house infrastructure

Community characteristics

prices of the following goods: cassava, maize, yam, bean; negative shocks the year prior the survey: fire/flood/wind, land dispute, epidemic disease; % hh connected to electricity grid, # hrs per day electricity is available

Kenya

Household socio-demographic characteristics

hh members aged 0-11, 12-17, 18-34, 35-49, 50-64, 65+; whether hh include orphans and vulnerable children, # members in non-active labor force, dependency ratio, sex ratio, average years of education of adult members, years of education the head's spouse

Head of the household characteristics

gender, age, age squared, school attainment, head is chronically ill

Other household level indicators

hh income sources (0/1): agriculture, formal wage labor, casual wage labor, non-farm business; total land owned; monthly per capita consumption; asset availability (0/1): blankets, mosquito net, bike

Community characteristics

distance to market, access to road and drinking water, districts fixed effects

Lesotho

Household socio-demographic characteristics

hh members aged 0-5, 6-12, 13-17, 18-59; # male hh members aged 60+, # female hh members aged 60+, # orphans in the household

Head of the household characteristics

gender, age, marital status is widow, head is elderly

Other household level indicators

highest educational attainment in the household

Community characteristics

prices of the following goods: maize, wheat, sorghum, rice, milk, eggs, oil, beans, sugar, salt, paraffin, candle, boots; negative shocks in at least 1/4 hh in the community: death of hh members, livestock death/disease, livestock theft, crop loss, crop failure; any other negative shock: drought, floods, agricultural input price shock, agricultural product price shock, livestock price shock, food price shock, reduced trading; daily wage for crop harvesting (men and women); daily wage for men in livestock herding; daily wage for women in domestic work; district fixed effects

Malawi

Household socio-demographic characteristics

hh members aged 6-11, 12-17, 18-64; household size

Head of the household characteristics

gender, age, marital status is widow, never married, head is literate, head ever attended school

Other household level indicators

hh with a new member from baseline; hh with a member that migrated; # members per room

Community characteristics

prices of the following goods: maize grain, rice, beans, tomatoes, beef, salt, sugar, cooking oil, bar soap, panadol; district fixed effects

Zambia

Household socio-demographic characteristics

hh members aged 0-5, 6-12, 13-17, 18-64; # male hh members aged 65+, # female hh members aged 65+, # orphans in the household, active labor force

Head of the household characteristics

gender, age, marital status is widow, never married, head is elderly, head ever attended school

Other household level indicators

index of house infrastructure, highest education level in the household, experience of the following negative shocks: drought, change in food price, flood, illness, livestock disease, crop/pest disease, change in sale price of crops, change in agricultural input prices

Community characteristics

district fixed effects

Zimbabwe

Household socio-demographic characteristics

hh members aged 0-5, 6-17, 18-59, 60+, # female hh members aged 65+, # orphans in the household, active labor force

Head of the household characteristics

age, marital status is widow, either divorced/separated, head ever attended school, currently attending school, highest grade attended

Other household level indicators

-

Community characteristics

prices of the following goods: maize grain, rice, beans, beef, salt, sugar, cooking oil, bar soap

Appendix D

In this appendix we provide a robustness analysis of the control variables used in the difference-in-difference equations of each country. Theoretically, when treatment and control units are selected randomly and their characteristics are perfectly balanced, then the simple mean differences are usually sufficient to derive unbiased estimates of program impact. However, not all studies are randomized and tables 3 and 4 showed that few characteristics are not perfectly balanced across groups. This suggests to estimate the difference-in-difference in a multivariate framework, controlling for all these factors that might not be perfectly balanced across the treatment arms and/or are strong predictors of the outcomes.

Given the specificity of each country and evaluation design, the large number of outcomes analyzed and the variety of regressors included in each estimating equation, the robustness analysis presented from table A1 to A7 was limited to the following:

a) We run three different specifications: 1) a "complete" multivariate difference-in-difference estimation, which includes both household level and community level characteristics (under column 1 in tables A1-A7); 2) a "partial" multivariate difference-in-difference estimation, which includes only household level characteristics (column 2); 3) a "naive" difference-in-difference estimation without any covariate included in the model (column 3).
b) We limit the analysis to a small subset of outcomes (around 8 to 10 per country), selecting mainly those for which the complete multivariate analysis showed a 10 percent statistical significance. In few cases we also selected outcomes with 1 and 5 percent significance, especially when there were few or no 1 percent significant impact results.

In five countries, excluding Malawi and Zimbabwe, when the complete specification is significant at one percent level, statistical significance disappears just by removing the community

characteristics from the right hand side of the equation. Coefficients' sign remain unchanged and also magnitudes, with few exceptions, do not vary considerably from our benchmark specification. This result is not surprising for two reasons:

a. In countries like Ghana and Kenya, the treatment arms come from different communities. This important result suggests that the impact of cash transfer can be weaker or stronger depending on local conditions (prices, shocks, access to markets, etc.)
b. The inclusion of community characteristics reduces the residual variance in the model, hence increasing the efficiency of the estimates.

Table D1: Robustness analysis for different model specifications, Ghana LEAP

	(1)		(2)		(3)	
cocoa harvest	-70.801	***	-65.441	***	-63.681	***
	[22.94]		[22.00]		[20.66]	
% selling crops	-0.076	**	-0.068		-0.063	
	[0.04]		[0.05]		[0.05]	
seeds expenses	24.659	***	22.252	***	21.031	***
	[5.90]		[7.17]		[7.27]	
# men days in hired ag labor	-3.363	**	-4.032	**	-3.739	**
	[1.58]		[1.88]		[1.87]	
# men days in ag family labor	7.682	*	9.411		10.067	
	[4.36]		[7.56]		[8.26]	
% given gifts	0.125	***	0.137	***	0.154	***
	[0.04]		[0.05]		[0.05]	
% saving	0.108	*	0.081		0.089	
	[0.06]		[0.07]		[0.08]	
# of loans	-0.124	**	-0.1		-0.114	*
	[0.05]		[0.06]		[0.07]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Table D2: Robustness analysis for different model specifications, Kenya CT-OVC

	(1)		(2)		(3)	
% hh consuming own-produced dairy and eggs	0.122	***	0.125	***	0.133	***
	[0.03]		[0.03]		[0.04]	
% hh consuming own-produced other food	0.043	***	0.043	***	0.042	***
	[0.01]		[0.01]		[0.01]	
% owning small livestock	0.051		0.05	*	0.055	
	[0.03]		[0.03]		[0.03]	
seeds expenses per acre	-142.327	**	-139.857	**	-138.785	*
	[56.19]		[57.89]		[68.89]	
% hh owning through	0.012	***	0.012	***	0.012	***
	[0.00]		[0.00]		[0.00]	
% men in ag wage labor	-0.091	*	-0.049		-0.054	
	[0.05]		[0.05]		[0.06]	
# days worked in ag wage labor (all adults)	-17.625	*	-14.449		-14.466	
	[10.69]		[10.38]		[11.80]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Table D3: Robustness analysis for different model specifications, Lesotho CGP

	(1)		(2)		(3)	
maize harvest (kg)	38.87	**	25.78		7.574	
	[18.04]		[19.68]		[27.66]	
sorghum harvest (kg)	9.817	*	2.848		-4.468	
	[5.44]		[5.43]		[7.27]	
% owning pigs	0.078	**	0.085	**	0.076	*
	[0.04]		[0.04]		[0.04]	
# pig owned	0.109	**	0.139	**	0.134	**
	[0.05]		[0.06]		[0.06]	
% purchasing seeds	0.074	*	0.018		0.002	
	[0.04]		[0.04]		[0.05]	
% purchasing inorganic fertilizer	0.058	*	0.012		0.006	
	[0.03]		[0.03]		[0.03]	
% operating non-farm business last 30 days	-0.048	*	-0.06	**	-0.065	**
	[0.03]		[0.03]		[0.03]	
remittances amount, LSL	-406.236	*	-447.416	*	-492.444	
	[232.62]		[244.27]		[299.06]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Table D4: Robustness analysis for different model specifications, Malawi SCT

	(1)		(2)		(3)	
% selling any crop	0.062	*	0.123	***	0.12	***
	[0.03]		[0.04]		[0.04]	
value of production, MWK	1512.558	*	2974.544	**	2967.99	**
	[872.69]		[1176.37]		[1176.87]	
% owning chicken	0.089	**	0.117	***	0.114	**
	[0.04]		[0.04]		[0.04]	
amount organic fertilizer, MWK	157.58	*	176.927	*	177.419	*
	[78.61]		[90.55]		[91.55]	
% hh owning sickles	0.062	*	0.096	***	0.093	***
	[0.03]		[0.03]		[0.03]	
# hoes owned	0.178	*	0.272	**	0.284	**
	[0.10]		[0.11]		[0.11]	
# men days in ganyu labor	-14.277	**	-16.471	**	-17.512	**
	[6.00]		[6.52]		[6.56]	
# women days in ganyu labor	-11.973	*	-14.313	*	-14.269	*
	[6.94]		[7.18]		[6.98]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Table D5: Robustness analysis for different model specifications, Zambia CG

	(1)		(2)		(3)	
% hh producing rice	0.031	*	0.035	*	0.073	**
	[0.02]		[0.02]		[0.03]	
cassava harvest (kg)	-68.142	*	-74.684	*	-64.11	
	[40.75]		[41.58]		[54.60]	
value of total harvest, ZMK	145.877	*	129.639	*	134.97	
	[74.77]		[77.56]		[82.59]	
% hh consuming crop production at home	0.059	*	0.062	*	0.055	
	[0.03]		[0.03]		[0.04]	
HH made loan repayment	0.017	**	0.017	**	0.017	**
	[0.01]		[0.01]		[0.01]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Table D6: Robustness analysis for different model specifications, Zimbabwe HSCT

	(1)		(2)		(3)	
% producing finger millet	-0.042	*	-0.051	**	-0.054	**
	[0.02]		[0.02]		[0.02]	
% owning any livestock	0.047	*	0.054	**	0.059	**
	[0.02]		[0.02]		[0.02]	
% using pesticides	-0.029	*	-0.024		-0.022	
	[0.02]		[0.02]		[0.02]	
% owning goats	0.068	*	0.069	**	0.076	**
	[0.03]		[0.03]		[0.03]	
# days hh working on-farm	-20.363	**	-19.112	**	-17.239	**
	[7.76]		[8.67]		[8.60]	
% purchasing on credit	0.07	*	0.067	*	0.069	**
	[0.04]		[0.03]		[0.03]	

Note: under column (1) the model specification includes both household level and community level characteristics; under column (2), the model includes only household level characteristics; under column (3), the model does not include any covariate (only treatment dummy, time dummy and their interaction). For the list of variables, see Appendix 1. ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate.

Appendix E

In this appendix we report heterogeneous impacts of the seven social cash transfer programs that are cited in the manuscript. Additional heterogeneity results are reported in each country case study.

Table E1: Heterogeneous impacts of Ethiopia SCTPP

	FHH		MHH	
sorghum yield, kg/ha	1.243		121.535	***
	[0.06]		[2.70]	
crop prod value per land, birr/ha	119.9		422.689	**
	[0.95]		[2.05]	
% using land for productive purposes	0.021		0.062	**
	[0.94]		[1.99]	
% sharecropping land out	0.047	*	0.034	
	[1.86]		[1.15]	
% using improved seeds	-0.034	**	-0.041	
	[-2.32]		[-1.28]	
% using fertilizer	0.021		0.104	***
	[1.16]		[3.40]	
% hiring farm labor	0.026	*	-0.01	
	[1.94]		[-0.42]	
Farm assets index	0.059	*	0.054	
	[1.89]		[0.85]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. FHH stands for female headed households, MHH stands for male headed households

Table E2: Heterogeneous impacts of the Ghana LEAP

	FHH		MHH	
seeds expenses	21.577	***	33.81	***
	[6.46]		[10.83]	
total days hired labor last season	-0.5		-8.9	*
	[2.5]		[4.59]	
men days hired labor last season	-0.8		-7.6	**
	[1.57]		[3.12]	
	Small HH		Large HH	
seeds expenses	22.398	***	32.918	***
	[6.47]		[11.59]	
total days hired labor last season	-3.1		-1.9	
	[2.03]		[1.5]	
men days hired labor last season	-3.9		-7.6	*
	[4.88]		[3.39]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. FHH stands for female headed households, MHH stands for male headed households. For the Ghana LEAP impact evaluation, a small household is composed of at most 4 members, while a large household has at least 5 members

Table E3: Heterogeneous impacts of the Kenya CT-OVC

	FHH		MHH	
% consuming own-produced eggs and dairy	0.141	***	0.065	
	[0.04]		[0.06]	
% consuming own-produced other goods	0.04	***	0.047	**
	[0.01]		[0.02]	
% owning small ruminants	0.069	*	-0.007	
	[0.04]		[0.04]	
Dummy for participation in self-employment	0.072	**	-0.112	*
	[0.03]		[0.06]	
	Small		Large	
% consuming own-produced eggs and dairy	0.14	***	0.059	
	[0.05]		[0.04]	
% consuming own-produced other goods	0.051	**	0.04	***
	[0.02]		[0.01]	
% owning small ruminants	0.165	***	-0.033	
	[0.05]		[0.04]	
Dummy for participation in self-employment	0.019		0.002	
	[0.04]		[0.04]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. FHH stands for female headed households, MHH stands for male headed households. For the Kenya CT-OVC impact evaluation, a small household is composed of at most 4 members, while a large household has at least 5 members

Table E4: Heterogeneous impacts of the Lesotho CGP

	Unconstr.		Mod. constr		Sev. constr	
maize harvest (kg)	62.349	**	19.791		-34.887	
	[26.51]		[27.65]		[33.42]	
sorghum harvest (kg)	0.37		22.74	**	49.324	**
	[5.65]		[10.01]		[20.27]	
% with homestead garden production	0.034		0.187	***	-0.034	
	[0.03]		[0.07]		[0.10]	
Number of vegetables produced	0.075		0.715	**	-0.459	
	[0.15]		[0.29]		[0.37]	
% purchasing seeds	0.089	*	0.073		-0.109	
	[0.05]		[0.08]		[0.13]	
% purchasing pesticides	0.112	***	0.02		-0.211	**
	[0.03]		[0.06]		[0.09]	
% purchasing inorganic fertilizer	0.043		0.07		0.171	**
	[0.04]		[0.05]		[0.08]	
input expenses, LSL	5.263		13.154		113.081	
	[21.14]		[16.58]		[78.93]	
% operating non-farm business last 30 days	-0.036		0.004		-0.314	***
	[0.04]		[0.06]		[0.10]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. Unconstr stands for labor unconstrained households, Mod. Constr. stands for moderately constrained households, while Sev. Constr. stands for severely labor constrained households. LSL is the local currency, the Lesotho Loti

Table E5: Heterogeneous impacts of the Malawi SCT

	FHH		MHH	
% producing maize	-0.019		0.018	
	[0.02]		[0.03]	
% producing groundnut	0.085		0.129	*
	[0.07]		[0.06]	
Amount of maize produced, Kg	13.937		24.988	
	[13.08]		[17.24]	
Amount of groundnut produced, Kg	6.611		8.81	*
	[6.59]		[5.05]	
Value of crop production, MKW	1,250.32		2,906.89	**
	[830.57]		[1327.00]	
% owning livestock	0.157	***	0.098	*
	[0.05]		[0.06]	
% owning chicken	0.104	***	0.022	
	[0.04]		[0.07]	
% owning goats	0.099	***	0.151	***
	[0.02]		[0.05]	
total TLU livestock owned	0.028	***	0.09	**
	[0.01]		[0.04]	
# chicken owned	0.454	**	0.653	
	[0.17]		[0.45]	
# goats owned	0.226	***	0.477	*
	[0.07]		[0.24]	
value of organic fertilizers, MKW	138.894	*	276.26	**
	[77.53]		[117.59]	
% owning sickles	0.041		0.154	***
	[0.03]		[0.05]	
# hoes owned	0.179		0.203	*
	[0.11]		[0.10]	
# sickles owned	0.049		0.319	***
	[0.04]		[0.10]	
% hh with adult women in family farming	0.006		-0.076	**
	[0.02]		[0.03]	
% hh with adult men involved in non-farm	-0.047	*	0.085	**
	[0.03]		[0.04]	

	Unconstr.		Mod. constr.	Sev. constr.	
% operating NFE	0.003		-0.031	-0.067	*
	[0.05]		[0.05]	[0.03]	
# enterprises operated	0.009		-0.023	-0.084	**
	[0.06]		[0.05]	[0.04]	
% operating petty trading	0.072	**	0.033	0.002	
	[0.03]		[0.03]	[0.02]	
% operating charcoal or firewood	-0.089	***	-0.037	-0.031	*
	[0.03]		[0.03]	[0.02]	

	FISP		non FISP
Value of crop production, MKW	2,622.08	**	1,059.95
	[985.99]		[1227.89]
maize yield, kg per acre	32.668	**	2.888
	[14.34]		[13.51]

value of organic fertilizers, MKW	140.823	*	165.862	*
	[78.94]		[91.17]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. Unconstr stands for labor unconstrained households, Mod. Constr. stands for moderately constrained households, while Sev. Constr. stands for severely labor constrained households. FHH stands for female headed households, MHH stands for male headed households. FISP stands for Farmer Input Subsidy Program. MKW is the local currency, the Malawian Kwacha.

Table E6: Heterogeneous impacts of the Zambia CG

	Small		Large	
value of total harvest, ZMW	182.273	**	104.177	
	[75.89]		[100.57]	
value of sales, ZMW	86.272	***	73.804	*
	[23.02]		[42.83]	
% selling crops	0.144	***	0.092	**
	[0.05]		[0.04]	
% owning any livestock	0.155	***	0.266	***
	[0.05]		[0.05]	
% owning chicken	0.097	*	0.214	***
	[0.05]		[0.05]	
% owning cattle	0.082	***	0.082	***
	[0.02]		[0.03]	
% owning goats	0.034	***	0.035	**
	[0.01]		[0.02]	
# livestock owned, TLU	0.165	*	0.102	
	[0.10]		[0.19]	
# chicken owned	1.137	***	1.293	**
	[0.41]		[0.50]	
# goats owned	0.173	***	0.1	**
	[0.05]		[0.04]	
% purchasing crop inputs	0.223	***	0.134	***
	[0.05]		[0.04]	
% purchasing seeds	0.135	***	0.067	*
	[0.04]		[0.04]	
% hiring labor	0.072	***	0.038	*
	[0.02]		[0.02]	
crop input expenses, ZMW	42.856	***	18.394	
	[8.34]		[16.39]	
expenses for seeds, ZMW	11.092	***	8.618	***
	[2.25]		[3.25]	
expenses for chemical fertilizers, ZMW	8.924	**	6.499	
	[3.89]		[4.12]	
% owning hammer	0.025		0.065	***
	[0.02]		[0.02]	
% owning shovel	0.017		0.044	*
	[0.02]		[0.02]	
% owning plough	0.025		0.051	**
	[0.02]		[0.02]	
# of owned axe	0.198	**	0.173	*
	[0.08]		[0.10]	
# of owned hoe	0.214	**	0.388	***

	[0.10]	[0.11]	
# of owned hammer	0.024	0.06	**
	[0.02]	[0.03]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. For the Zambia CG impact evaluation, a small household is composed of at most 5 members, while a large household has at least 6 members. ZMW is the local currency, the new (after rebasing) Zambian Kwacha.

Table E7: Heterogeneous impacts of the Zimbabwe HSCT

	Unconstr.		Mod. constr		Sev. constr	
% hh producing finger millet	-0.007		-0.015		-0.08	***
	[0.05]		[0.04]		[0.03]	
% hh producing pearl millet	0.13	**	0.093	*	0.081	*
	[0.06]		[0.05]		[0.04]	
% hh producing roundnuts	0.038		0.02		0.047	***
	[0.03]		[0.02]		[0.01]	
pearl millet harvested, kg	32.708	**	52.791	***	26.18	*
	[15.00]		[19.52]		[13.55]	
roundnuts harvested, kg	2.21		5.888	*	4.232	
	[2.16]		[3.17]		[2.84]	
% hh selling crops	-0.053		0.013		-0.008	
	[0.04]		[0.03]		[0.03]	
% owning livestock	0.073	**	0.022		0.055	
	[0.03]		[0.04]		[0.04]	
% owning goats	0.102	*	0.111	**	0.007	
	[0.06]		[0.05]		[0.05]	
% owning chickens	0.005		0.072	*	0.083	**
	[0.07]		[0.04]		[0.03]	
adult involved in any farming activities	-0.045	*	0.002		-0.026	
	[0.03]		[0.03]		[0.05]	
days worked in farming activities	-35.828	***	-21.487		-13.533	
	[11.01]		[13.76]		[8.33]	
% operating NFE	0.032		0.044		0.04	
	[0.05]		[0.04]		[0.02]	
# businesses	0.037		0.06		0.048	*
	[0.05]		[0.04]		[0.03]	
# months in operation	0.391		-0.251		0.209	
	[0.34]		[0.23]		[0.17]	
% reporting profits	0.036		0.051		0.042	*
	[0.04]		[0.03]		[0.02]	
% reporting assets	-0.032		0.01		0.023	*
	[0.03]		[0.02]		[0.01]	

Note: ***, ** and * stand for 1, 5 and 10 percent significance respectively. Cluster robust standard errors below each estimate. Unconstr stands for labor unconstrained households, Mod. Constr. stands for moderately constrained households, while Sev. Constr. stands for severely labor constrained households.

Appendix F

In this appendix we report all the p-values and adjusted p-values for all the countries impact estimates, following the scheme adopted for Lesotho (table 10 in the main manuscript, where only significant p-values are reported). To simplify the reading of the tables we added significance stars to the right of the p-values. Like previous tables ***, ** and * stand for 1, 5 and 10 percent significance respectively.

Table F1: P-values and adjusted p-values for Ethiopia

			adjusted p-values			
outcome	p-value		bonferroni	simes		simes_FW	
% hh in teff production	0.0025	***	0.178	0.0182	**	0.0197	**
% hh in barley production	0.1257		1.000	0.2383		0.2411	
% hh in maize production	0.1627		1.000	0.2495		0.2495	
% hh in sorghum production	0.1976		1.000	0.2901		0.2674	
teff yield, kg/ha	0.1743		1.000	0.2615		0.2506	
barley yield, kg/ha	0.0385	**	1.000	0.1399		0.1438	
maize yield, kg/ha	0.0841	*	1.000	0.2019		0.1962	
sorghum yield, kg/ha	0.0018	***	0.125	0.0178	**	0.0197	**
crop prod value per land, birr/ha	0.0017	***	0.122	0.0178	**	0.0197	**
teff sold, kg	0.2818		1.000	0.3889		0.3411	
barley sold, kg	0.0954	*	1.000	0.2124		0.1996	
maize sold, kg	0.2272		1.000	0.3199		0.2903	
sorghum sold, kg	0.0522	*	1.000	0.1568		0.1503	
% hh owning livestock	0.4322		1.000	0.5232		0.4970	
% hh owning cows	0.8248		1.000	0.8756		0.8248	
% hh owning sheep	0.0077	***	0.536	0.0412	**	0.0446	**
% hh owning goats	0.1507		1.000	0.2383		0.2476	
% hh owning chicken	0.0853	*	1.000	0.2019		0.1962	
# total TLU	0.1441		1.000	0.2383		0.2476	
# cows	0.7225		1.000	0.7849		0.7553	
# sheep	0.0437	**	1.000	0.1453		0.1438	

# goats	0.0186	**	1.000		0.0850	*	0.0857	*
# chicken	0.6826		1.000		0.7722		0.7476	
% hh using improved seeds	0.0001	***	0.010	***	0.0032	***	0.0014	***
% hh using chemical fertilizers	0.0011	***	0.082	*	0.0178	**	0.0083	***
% hh using land for production	0.0063	***	0.436		0.0363	**	0.0221	**
land used for teff, ha	0.3968		1.000		0.4978		0.4386	
land used for barley, ha	0.0000	***	0.001	***	0.0010	***	0.0003	***
land used for maize, ha	0.3420		1.000		0.4370		0.3990	
land used for sorghum, ha	0.1201		1.000		0.2368		0.1995	
% hh owning any ag asset	0.0029	***	0.201		0.0182	**	0.0122	**
% hh owning imp sickles	0.1406		1.000		0.2383		0.1995	
% hh owning pick, spades, shovels	0.1143		1.000		0.2321		0.1995	
% hh owning axes	0.4313		1.000		0.5232		0.4529	
% hh owning malakino	0.1520		1.000		0.2383		0.1995	
% hh owning hoes	0.6538		1.000		0.7518		0.6538	
% hh owning leather straps	0.0488	**	1.000		0.1530		0.1138	
farm tool index	0.0205	**	1.000		0.0850	*	0.0617	*
# imp sickles	0.1428		1.000		0.2383		0.1995	
# pick, spades, shovels	0.3044		1.000		0.4119		0.3761	
# axes	0.0442	**	1.000		0.1453		0.1138	
# malakino	0.1021		1.000		0.2203		0.1995	
# hoes	0.1370		1.000		0.2383		0.1995	
# leather straps	0.0017	***	0.118		0.0178	**	0.0089	***
% hh with members in non-farm business	0.0228	**	1.000		0.0874	*	0.0608	*
# men days worked per month in non-farm business	0.0793	*	1.000		0.2019		0.1058	
# women days worked per month in non-farm business	0.0026	***	0.184		0.0182	**	0.0106	**
% hh with members in wage labor	0.0646	*	1.000		0.1783		0.1033	
% hh with members in professional wage labor	0.0585	*	1.000		0.1684		0.1033	
% hh with members in construction wage labor	0.0000	***	0.002	***	0.0010	***	0.0002	***
% hh with members in unskilled wage labor	0.6066		1.000		0.7094		0.6066	
% hh with members in domestic wage labor	0.1347		1.000		0.2383		0.1539	

boys participation (%) in wage labor	0.1118		1.000	0.2321		0.2602	
girls participation (%) in wage labor	0.9737		1.000	0.9737		0.9737	
days/month boys in wage labor	0.1487		1.000	0.2383		0.2602	
days/month girls in wage labor	0.3414		1.000	0.4370		0.4779	
# hours/day worked by children 6-12	0.0209	**	1.000	0.0850	*	0.1465	
# hours/day worked by boys 6-12	0.0877	*	1.000	0.2019		0.2602	
# hours/day worked by teenagers 13-17	0.8884		1.000	0.9165		0.9737	
% hh operating NFE	0.7153		1.000	0.7849		0.9301	
% hh operating trading enterprise	0.0174	**	1.000	0.0850	*	0.1395	
% hh operating food processing enterprise	0.3303		1.000	0.4370		0.8810	
% hh operating crafts enterprise	0.7280		1.000	0.7849		0.9301	
% hh giving transfers	0.2193		1.000	0.3153		0.8775	
transfers amount given out	0.8900		1.000	0.9165		0.9301	
% hh receiving transfers	0.9301		1.000	0.9438		0.9301	
transfers amount received	0.6011		1.000	0.7094		0.9301	
% hh borrowing in cash or in-kind	0.0786	*	1.000	0.2019		0.0786	*
amount borrowed	0.0028	***	0.195	0.0182	**	0.0056	***

Table F2: P-values and adjusted p-values for Ghana

			adjusted p-values					
outcome	p-value		bonferroni		simes		simes_FW	
% hh producing maize	0.4044		1.0000		0.5695		0.4470	
% hh producing cassava	0.0085	***	0.4373		0.0728	*	0.0600	*
% hh producing cocoa	0.0001	***	0.0079	***	0.0039	***	0.0032	***
% hh producing rice	0.0656	*	1.0000		0.1947		0.1613	
% hh producing yam	0.1591		1.0000		0.2934		0.2386	
% hh selling crops	0.0489	**	1.0000		0.1784		0.1613	
value of maize harvest, GhC	0.0323	**	1.0000		0.1674		0.1613	
value of cassava harvest, GhC	0.0691	*	1.0000		0.1947		0.1613	
value of cocoa harvest, GhC	0.0022	***	0.1168		0.0233	**	0.0240	**
value of rice harvest, GhC	0.9614		1.0000		0.9614		0.9614	
value of yam harvest, GhC	0.0886	*	1.0000		0.1966		0.1861	
% hh owning any livestock	0.3488		1.0000		0.5083		0.4070	
% hh owning sheep	0.1704		1.0000		0.2997		0.2386	
% hh owning goats	0.1309		1.0000		0.2783		0.2386	
% hh owning chickens	0.5436		1.0000		0.6762		0.5708	
% hh owning cattle	0.1405		1.0000		0.2792		0.2386	
TLU, total	0.0527	*	1.0000		0.1792		0.1613	
# sheep owned	0.2341		1.0000		0.3713		0.2892	
# goats owned	0.0584	*	1.0000		0.1863		0.1613	
# chickens owned	0.2310		1.0000		0.3713		0.2892	
# cattle owned	0.1610		1.0000		0.2934		0.2386	
% hh purchasing seeds	0.5301		1.0000		0.6759		0.6269	
% hh used transport for crop	0.2402		1.0000		0.3713		0.4118	
% hh purchasing fertilizers	0.5659		1.0000		0.6815		0.6269	
seeds expenses	0.0000	***	0.0015	***	0.0015	***	0.0003	***
transport expenses	0.6879		1.0000		0.7465		0.6879	
total days hired	0.4244		1.0000		0.5695		0.6269	
men days hired	0.0328	**	1.0000		0.1674		0.1227	

operated land (ha)	0.0213	**	1.0000		0.1359		0.1227	
% hh using hoes	0.5746		1.0000		0.6815		0.6269	
% hh using axes	0.1423		1.0000		0.2792		0.2847	
% hh using shovels	0.0409	**	1.0000		0.1732		0.1227	
% hh using picks	0.0755	*	1.0000		0.1947		0.1812	
% hh with adults in wage labor	0.2490		1.0000		0.3735		0.2490	
Men days family labor	0.0780	*	1.0000		0.1947		0.2341	
Women days family labor	0.1941		1.0000		0.3299		0.2490	
Children days family labor	0.6039		1.0000		0.7000		0.6039	
% hh operating NFE	0.9354		1.0000		0.9541		0.9354	
hh given gifts (%)	0.0018	***	0.0926	*	0.0231	**	0.0081	***
gift given (% AE consumption)	0.6193		1.0000		0.7019		0.8761	
% donated food	0.4806		1.0000		0.6285		0.8651	
% donated non food	0.0012	***	0.0647	*	0.0215	**	0.0081	***
% hh receiving gifts	0.7787		1.0000		0.8105		0.8761	
gifts received (% AE consumption)	0.0441	**	1.0000		0.1732		0.0993	*
% hh receiving remittances	0.7061		1.0000		0.7502		0.8761	
remittances amount received (% AE consumption)	0.0417	**	1.0000		0.1732		0.0993	*
% hh saving	0.0835	*	1.0000		0.1947		0.1399	
% hh with a loan	0.4233		1.0000		0.5695		0.5292	
# loans	0.0200	**	1.0000		0.1359		0.1002	
amount repaid (% AE cons)	0.0839	*	1.0000		0.1947		0.1399	
amount outstanding (% AE cons)	0.6431		1.0000		0.7130		0.6431	

Table F3: P-values and adjusted p-values for Kenya

		adjusted p-values			
outcome	p-value	bonferroni	simes	simes_FW	
% hh cultivating at least one crop	0.6255	1.0000	0.8928	0.8471	
Dummy if hh has grown Local Maize	0.8865	1.0000	0.9203	0.8865	
Dummy if hh has grown Millet	0.2445	1.0000	0.7880	0.6891	
Dummy if hh has grown Beans	0.7970	1.0000	0.8966	0.8865	
% hh selling crops	0.7338	1.0000	0.8966	0.8865	
% hh consuming own-produced cereals	0.2615	1.0000	0.7880	0.6891	
% hh consuming own-produced meat and fish	0.3630	1.0000	0.7880	0.6891	
% hh consuming own-produced dairy and eggs	0.0005 ***	0.0305 **	0.0101 **	0.0048	***
% hh consuming own-produced other food	0.0005 ***	0.0294 **	0.0101 **	0.0048	***
% hh owning any livestock	0.3648	1.0000	0.7880	0.6891	
% hh owning any large livestock (cows, donkeys)	0.4381	1.0000	0.8450	0.7448	
% hh owning any small livestock (goats, sheep)	0.1060	1.0000	0.5880	0.6010	
% hh owning any poultry	0.8725	1.0000	0.9203	0.8865	
total TLU owned	0.5483	1.0000	0.8928	0.8471	
TLU owned of large livestock (cows, donkeys)	0.6478	1.0000	0.8928	0.8471	
TLU owned of small livestock (goats, sheep)	0.3060	1.0000	0.7880	0.6891	
TLU owned of poultry	0.2777	1.0000	0.7880	0.6891	
% hh using purchased seeds	0.7717	1.0000	0.8966	0.8360	
% hh using pesticides	0.0783 *	1.0000	0.5880	0.3395	
% hh using organic fertilizers	0.9032	1.0000	0.9203	0.9032	
% hh using chemical fertilizers	0.6379	1.0000	0.8928	0.8293	
purchased seeds expenses per acre, KSh	0.0311 **	1.0000	0.2802	0.2023	
pesticides expenses per acre, KSh	0.3314	1.0000	0.7880	0.7181	
organic fertilizers expenses per acre, KSh	0.5368	1.0000	0.8928	0.7754	
chemical fertilizers expenses per acre, KSh	0.2229	1.0000	0.7880	0.7181	
% hh owning purchased hoes	0.7122	1.0000	0.8966	0.8360	
% hh owning axes	0.4993	1.0000	0.8928	0.7754	
% hh owning sickles	0.4025	1.0000	0.8270	0.7476	
% hh owning plough	0.3177	1.0000	0.7880	0.7181	
% hh owning trough	0.0000 ***	0.0030 ***	0.0030 ***	0.0007	***
% hh with adults in wage labor	0.2721	1.0000	0.7880	0.6531	
Dummy if male in hh has job	0.1196	1.0000	0.5880	0.4186	
Dummy if female in hh has job	0.7967	1.0000	0.8966	0.9037	
# days worked by adults in wage labor, last 12 months	0.0996 *	1.0000	0.5880	0.4186	
# days worked by male adults in wage labor, last 12 months	0.1395	1.0000	0.6280	0.4186	

# days worked by female adults in wage labor, last 12 months	0.4135		1.0000		0.8270		0.7088	
% hh with adults in own-farm labor	0.1197		1.0000		0.5880		0.4186	
% hh with adult males in own-farm labor	0.3441		1.0000		0.7880		0.6883	
% hh with adult females in own-farm labor	0.8284		1.0000		0.9129		0.9037	
# days worked by adults in own-farm labor last month	0.9479		1.0000		0.9479		0.9479	
# days worked by adult males in own-farm labor last month	0.6477		1.0000		0.8928		0.8636	
# days worked by adult females in own-farm labor last month	0.5592		1.0000		0.8928		0.8389	
% children 10-15 in wage labor	0.2801		1.0000		0.7880		0.6304	
% boys 10-15 in wage labor	0.5887		1.0000		0.8928		0.8216	
% girls 10-15 in wage labor	0.7303		1.0000		0.8966		0.8216	
% children 10-15 in own-farm labor	0.0008	***	0.0448	**	0.0112	**	0.0074	***
% boys 10-15 in own-farm labor	0.0140	**	0.7577		0.1515		0.0631	*
% girls 10-15 in own-farm labor	0.1815		1.0000		0.7540		0.5445	
# days children 10-15 spent in own-farm labor	0.8770		1.0000		0.9203		0.8770	
# days boys 10-15 spent in own-farm labor	0.6603		1.0000		0.8928		0.8216	
# days girls 10-15 spent in own-farm labor	0.4930		1.0000		0.8928		0.8216	
% hh participating in non-farm enterprise	0.6872		1.0000		0.8966		0.6872	
% hh received loan	0.7482		1.0000		0.8966		0.7482	
% hh seeking credit	0.6613		1.0000		0.8928		0.7482	

Table F4: P-values and adjusted p-values for Lesotho

			adjusted p-values					
outcome	p-value		bonferroni		simes		simes_FW	
% hh producing maize	0.534		1.000		0.795		0.667	
% hh producing sorghum	0.633		1.000		0.795		0.745	
% hh producing wheat	0.118		1.000		0.317		0.237	
maize harvest (kg)	0.033	**	1.000		0.182		0.143	
sorghum harvest (kg)	0.074	*	1.000		0.278		0.211	
wheat harvest (kg)	0.099	*	1.000		0.283		0.221	
value of harvest	0.171		1.000		0.383		0.310	
% producing vegetables	0.047	**	1.000		0.207		0.158	
# vegetables	0.084	*	1.000		0.281		0.211	
# seasons	0.000	***	0.032	**	0.011	**	0.008	***
HH sold crops	0.443		1.000		0.766		0.635	
HH bartered crops	0.006	***	0.529		0.066	*	0.064	*
HH owns livestock	0.442		1.000		0.766		0.635	
chicken owned by HH	0.801		1.000		0.899		0.880	
pig owned by HH	0.036	**	1.000		0.182		0.143	
cattle owned by HH	0.477		1.000		0.776		0.635	
Total livestock owned by HH (TLU)	0.836		1.000		0.913		0.880	
# chicken owned by HH	0.904		1.000		0.950		0.904	
# pig owned by HH	0.033	**	1.000		0.182		0.143	
# cattle owned by HH	0.468		1.000		0.776		0.635	
HH used seed	0.391		1.000		0.722		0.652	
HH used pesticide	0.037	**	1.000		0.182		0.249	
HH used organic fertilizer	0.099	*	1.000		0.283		0.328	
HH purchased seed	0.085	*	1.000		0.281		0.328	
HH purchased pesticide	0.148		1.000		0.352		0.330	
HH purchased inorganic fertilizer	0.095	*	1.000		0.283		0.328	
HH expenditure for crop inputs	0.375		1.000		0.707		0.652	
HH expenditure for seed	0.142		1.000		0.346		0.330	
owned land, ha	0.542		1.000		0.795		0.722	
operated land, ha	0.648		1.000		0.795		0.724	
HH used any assets	0.651		1.000		0.795		0.724	
HH used hoe	0.502		1.000		0.786		0.716	
HH used plough	0.463		1.000		0.776		0.713	
HH used cultivator	0.123		1.000		0.319		0.330	

HH used scotchcart	0.036	**	1.000		0.182		0.249	
HH owns any asset	0.900		1.000		0.950		0.900	
HH owns hoe	0.604		1.000		0.795		0.724	
HH owns plough	0.787		1.000		0.895		0.829	
HH owns cultivator	0.258		1.000		0.549		0.516	
HH owns scotchcart	0.023	**	1.000		0.169		0.249	
% adults in wage lab, last year	0.067	*	1.000		0.267		0.202	
% adults in wage lab, last week	0.012	**	0.975		0.097	*	0.053	*
# hours worked by adults in wage lab, last week	0.000	***	0.028	**	0.011	**	0.003	***
% adults in family ag lab, last year	0.128		1.000		0.322		0.289	
% adults in family ag lab, last week	0.647		1.000		0.795		0.728	
# hours worked by adults in family ag lab, last week	0.867		1.000		0.935		0.867	
% adults in non-farm family business, last year	0.634		1.000		0.795		0.728	
% adults in non-farm family business, last week	0.575		1.000		0.795		0.728	
# hours worked by adults in non-farm family business, last week	0.569		1.000		0.795		0.728	
% children in wage lab, last year	0.979		1.000		0.983		0.979	
% children in wage lab, last week	0.697		1.000		0.815		0.979	
# hours worked by children in wage lab, last week	0.968		1.000		0.983		0.979	
% children in family ag lab, last year	0.621		1.000		0.795		0.979	
% children in family ag lab, last week	0.043	**	1.000		0.199		0.129	
# hours worked by children in family ag lab, last week	0.024	**	1.000		0.169		0.129	
% hh operating NFE, last year	0.302		1.000		0.612		0.648	
% hh operating NFE, last month	0.099	*	1.000		0.283		0.370	
# months NFE operations, last year	0.433		1.000		0.766		0.694	
# non-farm enterprises	0.361		1.000		0.697		0.677	
HH made private transfers	0.556		1.000		0.795		0.694	
Total private transfers made	0.666		1.000		0.801		0.739	
hhld provided food to network members	0.001	***	0.103		0.018	**	0.009	***
% received private CT from family members	0.983		1.000		0.983		0.983	
% received private CT from non-family members	0.690		1.000		0.815		0.739	
private CT amount received from family members	0.165		1.000		0.380		0.494	
private CT amount received from non-family members	0.297		1.000		0.612		0.648	
hhld received food from network members	0.001	***	0.047	**	0.012	**	0.009	***
hhld received help in time/labor from network members	0.516		1.000		0.794		0.694	
HH received remittance from non-resident members	0.491		1.000		0.784		0.694	
remittances received from non-resident members	0.083	*	1.000		0.281		0.370	
children sent living elsewhere	0.006	***	0.504		0.066	*	0.026	**
children sent working wage	0.001	***	0.110		0.018	**	0.009	***
children sent out of school	0.000	***	0.004	***	0.004	***	0.001	***

hh reduced health care spending	0.011	**	0.890	0.097	*	0.035	**
HH saved money last 12 month	0.641		1.000	0.795		0.833	
HH saved money last 12 month in a stokvel	0.208		1.000	0.453		0.386	
HH saved money last 12 month in a formal institution	0.055	*	1.000	0.229		0.143	
Amount of savings, last contribution	0.352		1.000	0.696		0.572	
Amount of savings, last contribution in a stokvel	0.729		1.000	0.841		0.862	
Amount of savings, last contribution in a formal institution	0.828		1.000	0.913		0.897	
HH bought on credit in last 12 months	0.597		1.000	0.795		0.833	
HH borrowed money in last 12 months	0.927		1.000	0.962		0.927	
HH borrowed money from a community group in last 12 months	0.102		1.000	0.283		0.221	

Table F5: P-values and adjusted p-values for Malawi

		adjusted p-values		
outcome	p-value	bonferroni	simes	simes_FW
% hh harvesting maize last season	0.5093	1.0000	0.8457	0.6410
% hh harvesting groundnut last season	0.1696	1.0000	0.4825	0.4242
% hh harvesting pigeonpea last season	0.4630	1.0000	0.8024	0.6410
maize harvest maize, kg	0.2508	1.0000	0.6168	0.5225
groundnut harvesting, kg	0.2816	1.0000	0.6408	0.5417
pigeonpea harvest, kg	0.9420	1.0000	0.9853	0.9754
value of production, MWK	0.0940 *	1.0000	0.4178	0.2939
% selling harvested crops	0.0856 *	1.0000	0.4178	0.2939
% selling maize	0.9754	1.0000	0.9919	0.9754
% selling groundnut	0.2335	1.0000	0.5903	0.5225
% selling pigeonpea	0.5273	1.0000	0.8500	0.6410
amount of maize sold, kg	0.8432	1.0000	0.9135	0.9165
amount of groundnut sold, kg	0.4206	1.0000	0.8024	0.6186
amount of pigeonpea sold, kg	0.3850	1.0000	0.7786	0.6016
value of crop sold, MWK	0.3622	1.0000	0.7621	0.6016
% hh raising livestock	0.0037 ***	0.3378	0.1126	0.0309 **
% hh raising chicken	0.0230 **	1.0000	0.2772	0.1150
% hh raising small ruminants	0.0001 ***	0.0147 **	0.0147 **	0.0040 ***
% raising large ruminants	0.5384	1.0000	0.8500	0.6410
% raising pigs	0.3292	1.0000	0.7307	0.5879
total Tropical Livestock Units	0.0062 ***	0.5712	0.1428	0.0392 **
# chicken owned	0.0285 **	1.0000	0.2889	0.1190
# small ruminants owned	0.0025 ***	0.2307	0.1126	0.0309 **
# large ruminants owned	0.6008	1.0000	0.8543	0.6828
# pigs owned	0.1347	1.0000	0.4694	0.3741
% hh using chemical fertilizers	0.5977	1.0000	0.8543	0.8736
% hh using organic fertilizers	0.6769	1.0000	0.8686	0.9050
% hh using pesticides	0.7693	1.0000	0.8886	0.9050

% hh using improved/hybrid seeds	0.8860		1.0000	0.9375	0.9352
amount chemical fertilizers, kg	0.4620		1.0000	0.8024	0.7981
amount chemical fertilizers, kg per acre	0.7714		1.0000	0.8886	0.9050
amount organic fertilizers, MWK	0.0547	*	1.0000	0.4153	0.3285
amount organic fertilizers, MWK per acre	0.1556		1.0000	0.4720	0.3285
Acres devoted to growing maize	0.8097		1.0000	0.9126	0.9050
Acres devoted to growing groundnut	0.1055		1.0000	0.4178	0.3285
Acres devoted to growing pigeonpea	0.2762		1.0000	0.6408	0.5249
% hh owning hoes	0.9810		1.0000	0.9919	0.9810
% hh owning axes	0.1417		1.0000	0.4694	0.3285
% hh owning panga knifes	0.5784		1.0000	0.8543	0.8736
% hh owning sickles	0.0535	*	1.0000	0.4153	0.3285
# hoes owned	0.0802	*	1.0000	0.4178	0.3285
# axes owned	0.1492		1.0000	0.4694	0.3285
# panga knifes owned	0.1377		1.0000	0.4694	0.3285
# sickles owned	0.0090	***	0.8269	0.1653	0.1726
% hh with adult men in ganyu labor	0.0168	**	1.0000	0.2548	0.1706
% hh with adult women in ganyu labor	0.1186		1.0000	0.4499	0.4152
hh total # days of adult men in ganyu labor	0.0243	**	1.0000	0.2772	0.1706
hh total # days of adult women in ganyu labor	0.0953	*	1.0000	0.4178	0.4152
% hh with adult men in non-ag wage labor	0.8715		1.0000	0.9330	0.8715
% hh with adult women in non-ag wage labor	0.3685		1.0000	0.7621	0.7370
hh total # days of adult men in non-ag wage labor	0.6703		1.0000	0.8686	0.8715
hh total # days of adult women in non-ag wage labor	0.5926		1.0000	0.8543	0.8715
% hh with adult men in family farm labor	0.3391		1.0000	0.7348	0.7370
% hh with adult women in family farm labor	0.8123		1.0000	0.9126	0.8715
hh total # days of adult men in family farm labor	0.6872		1.0000	0.8686	0.8715
hh total # days of adult women in family farm labor	0.7564		1.0000	0.8886	0.8715
% hh with adult men in family non-farm labor	0.5604		1.0000	0.8500	0.8715
% hh with adult women in family non-farm wage labor	0.1878		1.0000	0.5179	0.5258
% hh with children in wage labor	0.5589		1.0000	0.8500	0.8942

hh total # days of children in wage labor	0.0865	*	1.0000	0.4178	0.3463
hh total # days of boys in wage labor	0.0530	*	1.0000	0.4153	0.3463
hh total # days of girls in wage labor	0.9529		1.0000	0.9854	0.9529
% hh with children 6-9 in family farm labor	0.4314		1.0000	0.8024	0.8942
% hh with children 10-17 in family farm labor	0.7203		1.0000	0.8739	0.9529
hh total # days worked by children 6-9 in family farm	0.4590		1.0000	0.8024	0.8942
hh total # days worked by children 10-17 in family farm	0.8428		1.0000	0.9135	0.9529
% hh operating non-farm business last year	0.1659		1.0000	0.4825	0.5974
% hh operating petty trader business	0.1496		1.0000	0.4694	0.5974
% hh operating charcoal/firewood business	0.0692	*	1.0000	0.4178	0.5974
# non-farm business operated	0.2056		1.0000	0.5482	0.5974
# months of business in operation last year	0.0861	*	1.0000	0.4178	0.5974
% hh making transfers	0.5438		1.0000	0.8500	0.8597
% hh making cash transfers	0.7176		1.0000	0.8739	0.8597
% hh making in-kind transfers	0.6666		1.0000	0.8686	0.8597
amount of transfers made, MWK	0.9928		1.0000	0.9928	0.9928
amount of cash transfers made, MWK	0.8273		1.0000	0.9135	0.8790
amount of in-kind transfers made, MWK	0.7586		1.0000	0.8886	0.8597
% hh receiving transfers	0.6419		1.0000	0.8686	0.8597
% hh receiving cash transfers	0.6653		1.0000	0.8686	0.8597
% hh receiving in-kind transfers	0.6834		1.0000	0.8686	0.8597
amount of transfers received, MWK	0.5111		1.0000	0.8457	0.8597
amount of cash transfers received, MWK	0.6345		1.0000	0.8686	0.8597
amount of in-kind transfers received, MWK	0.2108		1.0000	0.5482	0.5974
amount of assets sale, MKW	0.7088		1.0000	0.8739	0.7088
Income from selling assets in last 12 months	0.0989	*	1.0000	0.4178	0.2716
% hh purchasing on credit	0.0749	*	1.0000	0.4178	0.2716
% hh owing money for old loans	0.4673		1.0000	0.8024	0.5341
outstanding amount of old loans, MKW	0.1018		1.0000	0.4178	0.2716
outstanding amount of recent loans, MKW	0.4358		1.0000	0.8024	0.5341
% hh borrowing money last year	0.2746		1.0000	0.6408	0.5341

amount borrowed last year, MKW	0.4513	1.0000	0.8024	0.5341

Table F6: P-values and adjusted p-values for Zambia

outcome	p-value		bonferroni		simes		simes_FW	
% hh producing maize	0.1423		1.0000		0.1721		0.1758	
% hh producing rice	0.0928	*	1.0000		0.1305		0.1469	
% hh producing cassava	0.3083		1.0000		0.3340		0.3083	
% hh producing groundnut	0.0011	***	0.0608	*	0.0032	***	0.0036	***
maize harvest (kg)	0.1079		1.0000		0.1439		0.1511	
cassava harvest (kg)	0.0979	*	1.0000		0.1341		0.1469	
rice harvest (kg)	0.1905		1.0000		0.2153		0.2105	
value of total harvest, ZMK	0.0542	*	1.0000		0.0805	*	0.1034	
value of sales, ZMK	0.0021	***	0.1134		0.0051	***	0.0050	***
% hh selling crops	0.0007	***	0.0365	**	0.0022	***	0.0035	***
value of own consumption, ZMK	0.1406		1.0000		0.1721		0.1758	
% hh consuming crop production at home	0.0781	*	1.0000		0.1129		0.1367	
% hh raising any livestock	0.0000	***	0.0005	***	0.0001	***	0.0002	***
% hh raising chickens	0.0008	***	0.0443	**	0.0026	***	0.0035	***
% hh raising cattle	0.0001	***	0.0063	***	0.0005	***	0.0008	***
% hh raising goats	0.0012	***	0.0625	*	0.0032	***	0.0036	***
TLU, total	0.2076		1.0000		0.2297		0.2180	
# cattle	0.1887		1.0000		0.2153		0.2105	
# chickens	0.0014	***	0.0762	*	0.0038	***	0.0038	***
# goats	0.0000	***	0.0022	***	0.0002	***	0.0004	***
# ducks	0.0078	***	0.4099		0.0151	**	0.0165	**
% hh purchasing any crop input	0.0000	***	0.0021	***	0.0002	***	0.0002	***
% hh purchasing seeds	0.0024	***	0.1292		0.0056	***	0.0053	***
% hh hiring labor	0.0003	***	0.0203	**	0.0013	***	0.0012	***
operated land, ha	0.0089	***	0.4649		0.0166	**	0.0145	**
total hh expenses for crop production, ZMK	0.0037	***	0.1971		0.0079	***	0.0070	***
hh expenses for seeds, ZMK	0.0000	***	0.0015	***	0.0002	***	0.0002	***
hh expenses for fertilizers, ZMK	0.0427	**	1.0000		0.0673	*	0.0462	**

% hh owning hammer	0.0019	***	0.1001		0.0047	***	0.0050	***
% hh owning shovel	0.0340	**	1.0000		0.0553	*	0.0402	**
% hh owning plough	0.0518	*	1.0000		0.0793	*	0.0518	*
# axes hh owned	0.0170	**	0.8868		0.0295	**	0.0246	**
# hoes hh owned	0.0003	***	0.0157	**	0.0011	***	0.0012	***
# hammers hh owned	0.0331	**	1.0000		0.0553	*	0.0402	**
% hh with adults in paid ag labor	0.0001	***	0.0087	***	0.0007	***	0.0004	***
# days of adults in paid ag labor last year	0.0063	***	0.3288		0.0126	**	0.0101	**
% hh with adults in paid non-ag labor	0.1221		1.0000		0.1549		0.1629	
# days of adults in paid non-ag labor last year	0.3462		1.0000		0.3674		0.3956	
% hh with adults in own farm labor	0.5167		1.0000		0.5269		0.5167	
% hh with adults in own non farm business	0.0000	***	0.0005	***	0.0001	***	0.0000	***
# days of adults in own farm labor	0.0038	***	0.1995		0.0079	***	0.0076	***
# days of adults in own nonfarm business	0.0000	***	0.0004	***	0.0001	***	0.0000	***
% children (5-18) in paid work	0.1654		1.0000		0.1955		0.3309	
% children (5-18) in unpaid work	0.4350		1.0000		0.4524		0.4350	
% hh operating non-farm business	0.0000	***	0.0006	***	0.0001	***	0.0000	***
# months non-farm business in operation	0.0000	***	0.0031	***	0.0003	***	0.0000	***
non-farm business profits	0.0002	***	0.0116	**	0.0008	***	0.0002	***
% hh saving	0.0000	***	0.0000	***	0.0000	***	0.0000	***
value of saving, ZMK	0.0000	***	0.0000	***	0.0000	***	0.0000	***
% hh making loan repayments	0.0166	**	0.8642		0.0295	**	0.0277	**
value of loan repayments, ZMK	0.8140		1.0000		0.8140		0.8140	
% hh purchasing on credit last 12 months	0.1171		1.0000		0.1522		0.1464	

Table F7: P-values and adjusted p-values for Zimbabwe

outcome	p-value		bonferroni	simes	simes_FW	
% hh producing any crop	0.3309		1.0000	0.7262	0.5600	
% hh producing maize	0.7579		1.0000	0.9090	0.8583	
% hh producing sorghum	0.2996		1.0000	0.6968	0.5492	
% hh producing fmillet	0.0824	*	1.0000	0.3533	0.2257	
% hh producing pmillet	0.0146	**	1.0000	0.1835	0.1075	
% hh producing roundnuts	0.0016	***	0.1276	0.1276	0.0355	**
% hh selling crops	0.5687		1.0000	0.8551	0.8583	
% hh own consuming crops	0.7803		1.0000	0.9090	0.8583	
maize harvested, kg	0.1025		1.0000	0.3684	0.2257	
sorghum harvested, kg	0.1458		1.0000	0.4608	0.2916	
fmillet harvested, kg	0.8306		1.0000	0.9160	0.8586	
pmillet harvested, kg	0.0082	***	0.6543	0.1622	0.0911	*
roundnuts harvested, kg	0.0309	**	1.0000	0.2467	0.1511	
crop harvest value, US$	0.6700		1.0000	0.8677	0.8583	
% hh raising any livestock	0.0629	*	1.0000	0.3207	0.1979	
% hh raising cattle	0.1007		1.0000	0.3684	0.2257	
% hh raising goats	0.0534	*	1.0000	0.3202	0.1960	
% hh raising chickens	0.0343	**	1.0000	0.2467	0.1511	
TLU total	0.8586		1.0000	0.9160	0.8586	
# cattle owned	0.6209		1.0000	0.8551	0.8583	
# goats owned	0.7632		1.0000	0.9090	0.8583	
# chickens owned	0.7439		1.0000	0.9090	0.8583	
% hh using any crop input	0.5625		1.0000	0.8551	0.7391	
% hh using chemical fertilizers	0.9252		1.0000	0.9371	0.9252	
% hh using pesticides	0.0716	*	1.0000	0.3330	0.3583	
% hh purchasing any crop input	0.5913		1.0000	0.8551	0.7391	
% hh purchasing chemical fertilizers	0.2589		1.0000	0.6577	0.7391	
% hh purchasing pesticides	0.3614		1.0000	0.7514	0.7391	

crop input expenses, ZMK	0.4574		1.0000	0.8313	0.7391	
chemical fertilizers expenses, ZMK	0.2117		1.0000	0.6433	0.7391	
pesticides expenses, ZMK	0.5330		1.0000	0.8551	0.7391	
% hh owning hoes	0.3747		1.0000	0.7523	0.7391	
% hh owning axes	0.8303		1.0000	0.9160	0.9252	
% hh owning sickles	0.0320	**	1.0000	0.2467	0.2406	
# hoes owned	0.4646		1.0000	0.8313	0.7391	
# axes owned	0.8814		1.0000	0.9160	0.9252	
# sickles owned	0.0081	***	0.6418	0.1622	0.1218	
% hh in ag wage labor	0.8870		1.0000	0.9160	0.9485	
% hh in non-ag wage labor	0.2664		1.0000	0.6577	0.5328	
days in ag wage labor	0.9485		1.0000	0.9485	0.9485	
days in non-ag wage labor	0.7336		1.0000	0.9090	0.9485	
% hh working on-farm	0.4056		1.0000	0.7816	0.6490	
# days hh working on-farm	0.0102	**	0.8110	0.1622	0.0821	*
% hh with members in non-farm business	0.1290		1.0000	0.4380	0.5162	
# hrs last week hh members in non-farm business	0.2364		1.0000	0.6577	0.5328	
children in wage employment last week	0.6345		1.0000	0.8551	0.8836	
hours worked in wage employment last week by children	0.8836		1.0000	0.9160	0.8836	
children involved in any farming activities last rainy season	0.6386		1.0000	0.8551	0.8836	
girls involved in any farming activities last rainy season	0.8699		1.0000	0.9160	0.8836	
boys involved in any farming activities last rainy season	0.4403		1.0000	0.8282	0.8836	
days worked in farming activities last rainy season by children	0.2606		1.0000	0.6577	0.8836	
days worked in farming activities last rainy season by girls	0.0567	*	1.0000	0.3202	0.4539	
days worked in farming activities last rainy season by boys	0.8516		1.0000	0.9160	0.8836	
hh operates NFE	0.0237	**	1.0000	0.2342	0.1423	
# businesses	0.0162	**	1.0000	0.1835	0.1423	
months in operation	0.3457		1.0000	0.7382	0.5657	
hh reports profits	0.0069	***	0.5460	0.1622	0.1244	
% hh made any transfer	0.5657		1.0000	0.8551	0.6714	
% made in cash	0.2998		1.0000	0.6968	0.5607	

% made in kind	0.4735		1.0000	0.8313	0.6714
% made in ag inputs	0.0849	*	1.0000	0.3533	0.2934
total value transfers made,$	0.3115		1.0000	0.7031	0.5607
value transfers made in cash	0.6116		1.0000	0.8551	0.6714
value transfers made in kind	0.2434		1.0000	0.6577	0.5607
% hh received any transfer	0.0407	**	1.0000	0.2684	0.1834
% hh received cash transfer	0.5708		1.0000	0.8551	0.6714
% hh received in kind transfer	0.2604		1.0000	0.6577	0.5607
% hh received ag inputs	0.0978	*	1.0000	0.3684	0.2934
total value transfers received,$	0.6341		1.0000	0.8551	0.6714
value of cash transfers, $	0.7824		1.0000	0.9090	0.7824
value of in-kind transfers, $	0.6018		1.0000	0.8551	0.6714
% hh purchasing on credit	0.0649	*	1.0000	0.3207	0.5197
amount of purchases, $	0.6826		1.0000	0.8698	0.7801
outstanding amount, $	0.1330		1.0000	0.4380	0.5323
% hh still owing money	0.8928		1.0000	0.9160	0.8928
outstanding amount, $	0.5904		1.0000	0.8551	0.7801
% hh borrowing	0.5689		1.0000	0.8551	0.7801
amount borrowed, $	0.6594		1.0000	0.8677	0.7801
outstanding amount, $	0.3809		1.0000	0.7523	0.7801

Appendix G

The data used in this article come from the Transfer Project (https://transfer.cpc.unc.edu/), a research initiative led by UNICEF, FAO, the University of North Carolina at Chapel Hill (UNC) and Save the Children UK. Since 2008, the project has worked with key partners – namely, national governments and local research organizations – to accumulate a robust body of evidence on social cash transfers. Ownership of the datasets resides with each national government, which has acknowledged the above-mentioned institutions the right to use the data.

Currently, two impact evaluation datasets used in this article are freely available to the public through the University of North Carolina's CPC Data Portal: the Kenya Cash Transfer for Orphans and Vulnerable Children and the Lesotho Child Grants Programme (CGP) - https://data.cpc.unc.edu/projects/13 - although the Transfer Project's staff are preparing more data for release. Non-sensitive data are available for download upon approval of a restricted use application, which comprises a data request form, a data use agreement and a security pledge. Sensitive data are likewise available to qualified researchers through an additional process of obtaining an IRB approval and providing a satisfactory data security plan.

In the on-line supplementary material, we provided the following set of data:

1. A full set of STATA do-files used for the analysis of the Lesotho CGP, including for data management.
2. A dataset in STATA 14 dta format which included the variables constructed for the Lesotho CGP analysis, which allows to reproduce the impact results.
3. A set of STATA do-files used for the impact analysis in all the other countries.

In order to reproduce the Lesotho CGP impact results, users are required to do the following:

1. Create a new main folder, named for instance Lesotho, which will be placed under the STATA working directory (C:\Lesotho)
2. Create a list of subfolders where the user will place the log files, the do files, the saved results and the temporary datasets. Please name these subfolders respectively: a) log; b) do; c) tab; d) tempdta
3. Store in the tempdta subfolder the two datasets provided: lso_AJAE_cgp_data_hh and lso_AJAE_cgp_data_ind
4. In the preamble of the master do file, please set the relevant system globals. Suggested commands are as follows:

```
else if "`c(username)'" =="yourstatausername"{
      **** Set system global
      global drive "C:\Lesotho"
      gl doAJAElso       "$drive\do"
      gl logAJAElso      "$drive\log"
      gl tabAJAElso      "$drive\tab"
      gl tempdtaAJAElso  "$drive\tempdta"
      sysdir set PERSONAL "$drive\ado\personal"
      sysdir set PLUS     "$drive\ado\plus"
      cap cd "$drive"
}
```

You can find "yourstatausername" by typing `di c(username)`

5. Make sure the latest version of the following user written commands is properly installed:
   a. `estout`, `esttab`, `estadd`, `eststo`, `estpost` to reproduce tabulation of results (Jann, 2005; 2007). Please type `ssc install estout` to install all of them
   b. `qqvalue` to reproduce adjusted p-values (Newson, 2010). Please type `ssc install qqvalue` to install it.

References

Jann, B. 2005. "Making regression tables from stored estimates." *The Stata Journal* 5(3): 288-308.

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Newson, R. B. 2010. "Frequentist q-values for multiple-test procedures." *The Stata Journal* 10(4): 568-584.